PN - EP0525529 A1 19930203
PD - 1993-02-03
PR - IT1991PN00053 19910730
OPD - 1991-07-30
TI - Multiway valve, in particular for refrigerating circuits
AB - Multiway valve for controlling the flow of gases, capable of being used in particular in the refrigerant circuits of household-type refrigerating equipment. The valve (10) makes use of a PTC element (29) as the active element, as well as a magnet (26) along with a plate (31) of thermoferrite material, to actuate the shutting member (18) in opposition to the biasing action of a return spring (21). Said valve is more reliable, is more compact in its size and costs less to build and install. <IMAGE>
IN - FORNASARI PAOLO [IT]
PA - R & D S SRL [IT]
EC - F16K31/00C; F16K31/08; F25B41/04D
IC - F16K31/66
CT - US2248798 A [A]; US2233659 A [A]; DE1050282 C [A]; DE8404437U U1 [A]; DE2540751 A1 [A]

TI - Multiway valve for household refrigerating circuits - controls flow of gases in refrigerant circuits using active PTC element with magnet and thermo-ferrite plate actuating shutting member in opposition to return spring
PR - IT1991PN00053 19910730
PN - EP0525529 A1 19930203 DW199305 F16K31/66 Eng 005pp
- IT1253696 B 19950822 DW199610 F16K0/00 000pp
PA - (ITAL-N) ITALSET SRL
- (RDSR-N) R & DS SRL
IC - F16K0/00 ;F16K31/66
IN - FORNASARI P
AB - EP-525529 The multiway valve has a body (11) which connects the refrigerant fluid to a delivery conduit (12) and a discharge conduit (13 and 14). A shutting member (18) shifts inside the body into different operating positions. The member is rigidly connected to a magnet (26), which is faced by a plate (31) of thermoferrite material associated with a PTC element (29). The magnetic action of the magnet, plate and thermoferrite material operate the shutting member.
- A heatsink unit (30) is located between the PTC element and the thermoferrite material plate. A return spring (21) is associated with the shutting member. The shutting member is connected to the magnet through rigid arms (22) passing through apertures (23) in a partition wall (24) inside the valve body (11).
- ADVANTAGE - Reliable and compact in size.
- (Dwg.1/3)
OPD - 1991-07-30
CT - DE1050282;DE2540751;DE8404437;US2233659;US2248798
DS - DE DK ES FR GB
AN - 1993-037913 [10]